

***State of Washington  
Department of Transportation  
Notice to Consultants  
Statewide On-Call Mechanical/Electrical Moveable & Floating  
Bridge Engineering Services***

The Washington State Department of Transportation (WSDOT) solicits interest from consultants who wish to be evaluated and considered to provide Statewide On-Call Mechanical/Electrical Moveable & Floating Bridge Engineering services for WSDOT's Bridge & Structures Division. The approximate dollar value of each On-Call contracts will be \$1,000,000. WSDOT may award three (3) or more agreements. The agreements will be for approximately three (3) years in duration with no new tasks assigned after the second year.

**Project Description**

The services provided by the selected consultant will include engineering services to support the State Bridge and Structures Office with special engineering expertise and design support services as follows:

1. New bridge design, which might consist of any or all services necessary to:
  - Provide engineering design services for mechanical components, electrical systems, and control systems for any new bridge design or new components on existing structures;
  - Advise and assist the State in evaluation and selection of the mechanical drive system, the electrical distribution system, the control system, and other non-structural components; and
  - Assist in the coordination of the interface between the mechanical/electrical system components and the structural systems. Design supports and access platforms as required.
2. Existing bridge rehabilitation, which might consist of any or all services necessary to:
  - Perform inspections, preliminary designs, final design (PS&E documents) and construction phase services of mechanical machinery, electrical systems, and control systems on existing moveable bridges as requested by the State;
  - Investigate malfunctions and/or failures of mechanical machinery and/or electrical systems on moveable bridges as requested by the State;
  - Check the balance of moveable bridge systems. The consultant might provide information to the State as to the position and amount of weight that must be added or removed to obtain the preferred balance for the bridge(s) for which the State requests balance information;
  - Prepare designs for mechanical machinery, electrical systems, and structural steel supporting machinery and electrical equipment on moveable bridges to rehabilitate or replace existing equipment as requested by the State. The designs will be based on original drawings for each bridge as provided by the State whenever possible. When drawings are not available, the consultant will work with the State to obtain

necessary information from the existing equipment and structural steel on the bridge;

- Prepare contract plans, special provisions, cost estimates, and construction time analyses for alterations to the mechanical machinery, electrical systems, and structural steel; and
- Review construction related plans, special provisions, cost estimates, or schedules furnished by a potential construction contractor or by State personnel, and perform any or all of the following tasks:
  - Serve as advisor to the State for assistance in the review of the contractor's working drawings;
  - Check shop drawings/working drawings and make recommendations concerning construction change orders;
  - Review and analyze the contractor's proposed construction methods for constructability and adequacy and identify potential problem areas that should be investigated in detail;
  - Make other reviews or analyses, as requested;
  - Deliver to the State a report of any of the above listed items, within the period agreed to for each task assignment; and
  - Provide assistance to the State in its defense against any claims made against the State by the contractor(s.)

### **Evaluation Criteria**

Pursuant to state and federal regulations, a qualifications-based selection process will be used to select a consultant for each of these projects. The following information and criteria will be used to evaluate and rank responses:

1. Qualifications/Expertise of Firms on Team;
2. Qualifications of Proposed Project Manager(s);
3. Key Team Members Qualifications (Prime Consultant and Sub-Consultants);
4. Firm's Project Management System (Prime Consultant Only); and
5. References/past performances (Prime Consultant Only.)

The link to the definitions and point value for each of the proposed criteria may be found on the first page of this advertisement web site.

NOTE: It is imperative that the consultant reviews the definitions of the scoring criteria. We have included requirements and/or limitations for the information that is being requested. All scoring criteria will be rated on a scale of 0 (Low) to 20 (High.)

### **Submittals**

Consultants are invited to submit their Statement of Qualifications at their own cost. WSDOT assumes no obligation of any kind for expenses incurred by any respondent to this solicitation. The submittal is limited to a total maximum number of twenty-five (25) sheets submitted only on single sided (single sided meaning one side only of a single sheet of paper) typed 8.5" x 11" paper (if charts and/or graphs are utilized text must be a readable size font), and with type size no smaller than 12 point.

Your Statement of Qualifications must be broken into two (2) separate packets. Your Statement of Qualifications "Packet A" must consist of:

- Your responses to scoring Criteria 1 through 4.

Your Statement of Qualifications "Packet B" must consist of:

- Your letter of transmittal;
- Your response to scoring criteria 5; and
- Your Submittal Information Packet forms for both the prime and all proposed sub-consultants.

The page limitation does not apply to the front and back covers of "Packet A" and all of "Packet B."

The Statement of Qualifications shall meet the following requirements or will be deemed non-responsive and will not be eligible for consideration of this work:

- Title of the Request for Qualifications and your firm clearly identified on the cover of the submittal Packets "A" and "B", and the letter of transmittal;
- Statement of Qualifications broken into "Packet A" and "Packet B" as indicated above;
- Responsive to all evaluation criteria;
- Meeting page limitations and font size requirements; and
- Meeting submittal deadline submission date.

Materials submitted in response to this competitive procurement shall become the property of WSDOT and will not be returned. All submittals received will remain confidential until WSDOT and the successful Consultants sign the agreements resulting from this advertisement. All submittals are deemed public records as defined in the RCW 42.17.250 to 42.250.340.

Faxed or e-mailed submittals will not be accepted. Four (4) copies of your "Packet A" and one (1) copy of "Packet B", whether mailed or hand-delivered, must arrive at the following address no later than 5:00 pm on Thursday, December 1, 2005:

Director, Consultant Services  
Washington State Department of Transportation  
7345 Linderson Way SW  
Tumwater, WA 98501-6504

Any questions regarding the submittal process should be directed to the Consultant Services Office, at 360-705-7147. Any questions regarding technical aspects should be directed to Mr. Finn Posner 360-705-7205.

Persons with disabilities may request this information be prepared and supplied in alternate formats by calling collect 206-389-2839. Persons with hearing impairments may call 1-800-833-6388 (Washington State Telecommunications Relay Service) and ask for 206-515-3683.

Dates of publication in the Seattle Daily Journal of Commerce: Thursday, November 10, 2005 and Thursday, November 17, 2005.

Submittal Due Date: Thursday, December 1, 2005.